Set of questions for I cycle of studies students for Diploma Examination of diploma semester obligatory in 2025/2026

ARCHITECTURE

1. List the most important legal acts applied in the professional practice of an architect.
2. Discuss the sequence of procedures required to obtain a building permit when commissioned to design a building.
3. Identify and discuss the essential components of a building permit design (construction design).
4. Discuss the scope of a site development plan and the influence of the urban context on architectural design.
5. Discuss the principles of locating a building on a plot in accordance with the “technical regulations,” including fire safety requirements.
6. List examples of utility installations that must be connected to a building and indicate the institutions responsible for their provision or collection.
7. List and characterize the most common indicators included in a Local Spatial Development Plan or a Planning Permission Decision.
8. List Le Corbusier’s Five Points of Modern Architecture and discuss them using an example from another architect’s work.
9. Room size and equipment – ergonomic requirements. Discuss using an example of a selected room.
10. List the basic requirements for the architectural design of a single-family house as specified in the applicable “technical regulations.”
11. List and briefly characterize the basic types of residential development.
12. Discuss the regulations concerning the design of horizontal and vertical escape routes in multi-family residential buildings.
13. Discuss the parameters of daylighting and sunlight exposure in apartments according to the “technical regulations.”
14. List and discuss the classification of buildings according to human safety categories.
15. Define the term *fire zone* and discuss the principles of dividing a building or its part into fire zones, with particular reference to human safety categories (ZL).
16. Define the terms *escape route* and *escape access*, and provide the basic design guidelines for each.
17. State the stair design requirements in accordance with the “technical regulations” for: multi-family and single-family residential buildings, public utility buildings, and healthcare facilities.
18. List the principles of universal design and provide examples of their application in building design.

19. Discuss the regulations concerning the design of horizontal and vertical escape routes in public utility buildings, including provisions for evacuating persons with disabilities.

20. Discuss the accessibility requirements for buildings and facilities for persons with disabilities in light of international, national, and local regulations.

21. State the design requirements for ramps for persons with disabilities according to the “technical regulations.”

22. Provide the normative room heights depending on their function.

23. List the normative requirements for the design of public restrooms in public utility buildings.

24. Define the term *permanent workplace room* and list the required spatial parameters.

25. Discuss the principles of designing staff facilities in public utility buildings.

26. Discuss the functional and technological requirements for designing the kitchen facilities of a gastronomic establishment.

27. Discuss the main differences in architectural design between a library and a health clinic, or between a museum and a kindergarten.

28. List the types of building façades according to construction technology and finishing materials. Discuss how façade characteristics depend on building function, referring to at least two different types of facilities.

29. Discuss the principles for designing underground parking facilities according to the “technical regulations.”

30. Discuss the principles for designing parking spaces according to the “technical regulations.”

31. Explain the principles of sustainable development in spatial management.

32. Identify the main categories of pro-ecological solutions in architecture. Discuss different design approaches that help reduce the negative environmental impact of buildings.

33. Discuss a selected method of landscape composition analysis.

34. Name and briefly describe spatial layouts of villages characteristic of a selected historical period in Poland. Explain the factors that influenced the arrangement of these types of villages.

35. Discuss the consequences of chaotic urbanization for rural landscapes.